

JUL 30 1999

Sheet 1 of 1

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
1232-4457SERIAL NO.
09/122,293

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

APPLICANT

SAKAYORI et al.

FILING DATE

July 24, 1998

GROUP ART UNIT
2761

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
h.	5,077,791	12/31/91	Salihi	380	23	6/26/89
h.	5,592,378	1/7/97	Cameron et al.	395	227	8/19/94

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
h.	WO 89/11694	11/30/89	PCT	G06F3/ 14	13/12		
h.	GB 2 308 472A	6/25/97	UK	G06F	17/60		
h.	WO 90/11572	10/4/90	PCT	G06F	15/24		

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Papers, Etc.)

		European Search Report, Application No. 98114005.6-2201 dated June 11, 1999.

EXAMINER M. IRSHADULLAH

DATE CONSIDERED 5/18/00

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

M&F REV. 06/29/95

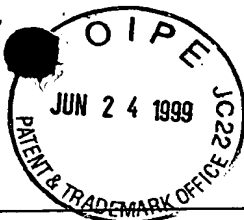


#3

Sheet 1 of 3

FORM PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 1232-4457		SERIAL NO. 09/122,293	
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)				APPLICANT SAKAYORI et al.			
				FILING DATE July 24, 1998		GROUP ART UNIT 2761	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
		5-197726(A)	6/93	Japan	G06F 15/21		
		08359406 A	12/24/96	Japan	G06F 17/60		
		09128440 A	5/16/97	Japan	G06F 17/60		
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Papers, Etc.)							
		Japanese Patent Application No. 10-213252, Office Action dated March 26, 1999.					
EXAMINER M. IRSHADULLAH				DATE CONSIDERED 5/19/02			
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

M&F REV. 06/29/95



FORM PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 1232-4457		SERIAL NO. 09/122,293		
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)				APPLICANT SAKAYORI et al.				
				FILING DATE July 24, 1998		GROUP ART UNIT 2761		
U.S. PATENT DOCUMENTS								
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
h		WO96/29666	9/26/96	PCT	G06F 17/60			
		08329157 A	11/13/96	Japan	G06F 17/60			
		09136704 A	5/27/97	Japan	B65G 1/137			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Papers, Etc.)								
EXAMINER M. IRSHADULLAH				DATE CONSIDERED 5/19/00				
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.								



FORM PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 1232-4457		SERIAL NO. 09/122,293		
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)				APPLICANT SAKAYORI et al.				
				FILING DATE July 24, 1998		GROUP ART UNIT 2761		
U.S. PATENT DOCUMENTS								
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
		1814 A	10/20/95	Japan	G06F	17/30		
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Papers, Etc.)								
EXAMINER M. IRSHADULLAH				DATE CONSIDERED 5/19/00				
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.								